

VICINITY MAP "NOT TO SCALE"

LEGEND OF SYMBOLS					
17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING				
⊙ 417	CHANNEL CORNER				
⊚ H.L.F.	HARBOR LINE CORNER				
	FEDERAL CHANNEL				
	HARBOR LINE				
	SUBMARINE CABLE				
₽c	CAN BUOY				
P _N	NUN BUOY				
8	LIGHTED BUOY				
\	FIXED LIGHT				
\	LIGHT HOUSE				
W	LIGHT COLOR WHITE				
R	LIGHT COLOR RED				
G	LIGHT COLOR GREEN				
FL	FLASHING LIGHT				
F	FIXED LIGHT				
Ос	OCCULTING LIGHT				
Iso	EQUAL INTERVAL				
AL	ALTERNATING				
Q	QUICK (FLASHING)				
S	LIGHT CYCLE SECONDS				

SITE SPECIFIC NOTES:

- 1. PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 243.3 FEET IGLD 1985.
- 2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 NEW YORK STATE PLANE COORDINATE SYSTEM-WEST ZONE.
- 3. PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- 4. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON MAY 6, 2015 USING: GPS POSITIONING, POS-MV VER.5 AND RTK TIDES SONAR HEAD: 400 KHZ, R2 SONIC 2024 MULTIBEAM 0.5 DEGREE BEAMS 150 DEGREE ARC HEAVE PITCH AND ROLL; APPLANIX POS-MV VER. 5

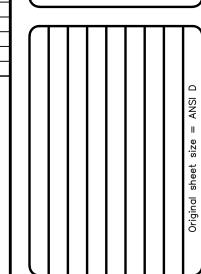
VELOCITY PROFILER; SONTEK CASTAWAY HYPACK SURVEY SOFTWARE SURVEY LAUNCH "WITMER"

5.	THE SOUNDING	INFORMATION	DEPICTED ON	THE MAP	REPRESENTS TI	HE RESULTS	OF SURVEYS I	MADE ON THE
	DATE INDICATED	D AND CAN C	NLY BE CONS	SIDERED AS	INDICATING THE	E GENERAL CC	NDITION AT TH	AT TIME.

- 6. THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.
- 7. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

POINT NORTHING EASTING 400 1182951.52 1429607.20 402 1181530.03 1428186.14 404 1181297.20 1427953.40 406 1178875.47 1427953.62 408 1177257.62 1427474.65 409 1177286.01 1427378.77 407 1178889.96 1427853.62 1010 1179928.22 1427853.47 1012 1179958.07 1427812.50 1014 1179932.16 1427637.40
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1015 1100170 00 1107000 10
1015 1180130.00 1427608.12
1013 1180159.21 1427805.44
1011 1180228.02 1427854.72
405 1181338.61 1427853.39
403 1181600.73 1428115.42
401 1183022.22 1429536.48





	** COPY OF SIGNED ORIGINAL **		Date: JULY 21, 2015
		ion	

reference VH-101

Sheet 1 of 1

401				
20.1 19.8 19.3 18.5 19.3 18.5 19.7 19.4 18.8 18.5 19.7 19.5 18.9 18.5 18.1 19.9 18.5 18.1 19.9 18.6 18.1 17.5 18.5 18.1 17.5 16.9 17.5 16.7 16.1 17.5 16.5 15.9 15.3 16.5 15.9 15.3 16.5 15.9 15.3 16.5 15.9 15.3 16.5 15.9 15.3 16.5 15.9 15.3 16.5 16.5 15.9 15.3 16.5 16.5 15.9 15.3 16.5 16.5 15.9 15.3 16.5 16.5 15.9 15.3 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	E: 1429000 ENTRANCE CHANNEL	E:1429000	000 F:1 : <u>2</u> E:1429000	B
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